



Astronomers prepare to track the flight of Santa Claus while biologists and physicists study the probability of flying reindeer.

Health Study Grant

The University of Victoria has received a \$12,000 Federal Health and Welfare grant to continue the Shape-Up program, directed by Dr. John Eckerson, physical education.

The program was begun during the summer when campus personnel underwent a wide range of physical fitness tests. Similar tests were also made in a test run at Kelowna.

Dr. Martin Collis, physical education, and a participant in carrying out the program, says the grant will finance a year long study aimed at further fitness testing, development of an effective exercise program, and diagnosis of abnormalities which appear on the electrocardiogram. Where signs of heart disease are indicated, personnel tested will be referred to their own physicians.

Dr. Collis says the study will stress, primarily, suitable exercise and health practices to prevent development of heart disease.

Ways and means of carrying out this diagnostic and exercise program under

para-medical supervision, but with medical direction, will be studied.

Use of a mobile clinic, such as that which went to Kelowna last summer will be observed, with the objective of having such a unit visit small communities and remote areas of the province.

"We aim to do for the heart what chest X-ray does for the lungs," Dr. Collis says.

The overall objective of the Shape-Up program and this follow-up study is, to develop and further preventative rather than curative programs.

Re-testing begins at Kelowna next week and will be done in Victoria in February or March.

Dr. Charles Rich, Victoria cardiologist, is working with the campus team which includes Dr. Eckerson, Dr. Collis, Dr. John Hayward, Biology; Dr. John Peterson, director of student health, and graduate students, Ross McKay and Paul Thomas, Biology.

Crisis Report

A summary of discussions and issues pinpointed by the recent lecture series on the Energy Crisis is now being prepared by the course co-ordinator Dr. George Beer, physics, and colleagues, Dr. Beer said today.

The lecture series was one of several sponsored by the Continuing Education Division and attracted a registration of 49 as well as many who attended individual lectures.

Dr. Beer says the level of understanding of the many problems relating to energy and its uses was definitely high. "I hope the university may continue to sponsor course topics of this nature."

Dr. Laurence Devlin, Director of the Division of Continuing Education says "the discussions were very serious indeed. It was an opportune time to offer this particular series. The choice of subject material was of special interest, and related to current concerns."

Discussion topics included Alternative Energy Sources, Energy, Magneto Hydro-dynamic power generation and fusion

power, the physical concepts of energy and power and Canadian fission reactors. Lecturers included Dr. Beer, Dr. Monty Clements, Dr. Lyle Robertson and Dr. Michael Pearce.

Art Works on Loan

The University of Victoria has loaned four paintings by Maxwell Bates to the Vancouver Art Gallery.

John Dobereiner, Visual Arts, said the works have been purchased over the years by the graphic arts committee for inclusion in its growing collection of works by British Columbia painters.

The paintings will be included in a retrospective exhibition of Bates' work being prepared by the Vancouver Gallery. The collection will later go on tour to be shown at Calgary, Saskatoon and possibly other western galleries.

Bates, born in England, lived and painted in Calgary for many years, and now makes his home in Victoria.

New Poetry Collection

Collected Poems: The Two Seasons

by Dorothy Livesay;

McGraw-Hill Ryerson; \$6.50.

This anthology, the latest collection from the pen of Canada's talented poet, Dorothy Livesay, is now on sale at the campus and Victoria bookstores.

Miss Livesay, long rated as one of Canada's finest poets, is presently visiting lecturer in the Department of English.

This new collection is drawn from her 11 previously published volumes and unpublished works, and represents the largest, most definitive and complete source of Miss Livesay's work ever printed. One reviewer says "the poems, spanning almost 50 years, create a rare psychic autobiography," characterized by idealism, passion, love of nature and life.

Of her own work, Miss Livesay says "All the people I have known intimately, loving and hating are here. They have acted as catalysts. But there seems to be another source of poetry, quite outside one's conscious experience . . . What happens is that one is taken over by other voices."

The poet was twice winner of the Governor General's award for poetry, and recipient of the Royal Society of Canada Lorne Pierce medal for her contribution to literature. She was born in Winnipeg, raised in Toronto, and educated at the Universi-

ties of Toronto, British Columbia and the Sorbonne. In private life she is Mrs. D.C. Macnair and resides in Victoria.

Community Chest

Donations and pledges, totalling \$13,312.50 to the campus Community Chest fund made a "creditable showing", according to W.G. Bender, Campus Campaign Chairman.

Although the allocation of \$20,000 from the campus was not reached, Mr. Bender said 273 donors closely matched last year's total donations.

"In the light of the overall status of the Fund, the University has more than carried its weight. As the 1972 Campus Campaign Chairman, I wish to thank those who assisted and those who gave so generously," Mr. Bender said.

Tots for Christmas

The University has a special Christmas present for 300 Victoria area children and their parents on December 17.

In co-operation with local elementary school principals, students from grades 5, 6 and 7, nominated by their schools, will visit the University to participate in either a morning or afternoon session of scientific displays and demonstrations, including

chemical fireworks, glass blowing, lasers, nuclear waves, and from Biology, one called "Eels, Fishes and other Energetic Things."

The children and their parents will come to the campus in two waves of 300 for their special day and will be treated to a demonstration of the electronic laboratory, a special performance of "The Shepherd's Play", closed circuit television, and a visit to Fine Arts to learn "how to make a picture."

All faculties are co-operating in this mini-open-house for the grade-schoolers which should give them, and their parents, a Christmas season to remember.

Alumni Scholars

The University of Victoria Alumni Association has announced the names of the winners of its scholarships for 1972-73, totalling \$1,500.

The Association offers a \$500 entrance scholarship each year, renewable for a further three years, providing the student continues to maintain scholarship standards.

The winner of the 1972-73 entrance scholarship is first year student Randy Giles. David R. Burdge will receive his scholarship for the second year, and Cynthia Brand is a third time winner.

Alumni Association President John Herbert, right, offers congratulations to scholarship winners Randy Giles, left, Cynthia Brand and David Burdge.



GOVERNMENT HOUSE
VICTORIA, B.C.
30th November, 1972

Dear Mr. President and Members of the
Faculty and Staff of UVic:-

As you have perhaps heard, my wife and I will be leaving Government House shortly, and will resume residence in Vancouver. Our address on and after December 5th, 1972 will be: Suite 5, 2002 Robson Street, Vancouver 5, B.C.

My wife and I have greatly enjoyed our stay in Government House, and the many opportunities that we have had to see our lovely Province, to meet its people, and to meet the many visitors, who have come here during my term of office. It has been a rich and rewarding experience, and we wish you to know how much we have appreciated your friendship, and the loyal support that you have given us during our years in Government House. Thank you most sincerely!

The Christmas and holiday season will soon be here. It is fitting, therefore, that, as this season approaches, we send our greetings and good wishes to you and yours. While Christmas is essentially a family time, it is also a season of warmth and fellowship. We feel that those of us who live in British Columbia should pause at this season to reflect gratefully upon our blessings. We are sure you feel as we do.

Best wishes for a Merry Christmas and a Happy New Year from both of us!

Yours sincerely,

Nativity Plays

The University of Victoria Theatre will present a Christmas gift to the residents of Greater Victoria in the form of two Nativity Plays from the Wakefield Cycle.

The plays will be presented at the Maltwood Museum, December 15, 16 and 17, at 8 pm.

Under the direction of David Parry, students will perform *The Second Shepherd's Play* and *The Adoration of the Magi*. The "Magi" will be performed with a background of Medieval music provided by musical director Christopher Butterfield.

There will be no reserved seats, and no admittance charged, but donations to support the UVic Toy Theatre Collection will be accepted and appreciated.

For further information, telephone 477-4821.

No Duplicating

The university Special Collections Division which began as a repository for early English literary works has expanded rapidly during the past 10 years.

Howard Gerwing, Special Collections Librarian, says a tri-university library task force consults regularly concerning the collection responsibility of each university. He says this is one means of avoiding duplication of costly material, and assures greater diversification of subject matter.

UVic will specialize in works dealing with British research in English literature and local history. Works from linguistics collections are being added, and the Economics Department is considering adding uncatalogued material.

UBC will specialize in the collection of works by Canadian poets and writers, and

Simon Fraser will gather works from American writers.

On completion of the library addition, the Special Collections Division will move to new, enlarged quarters, which will include research study carrels which will be equipped with collections for specific research projects.

McPherson Library Christmas Hours

Monday December 18	8:00 am—1:00 am
Tuesday December 19	8:00 am—6:00 pm
Wednesday December 20	8:30 am—5:00 pm
Friday December 22	8:30 am—5:00 pm
Saturday December 23	9:00 am—5:00 pm
Sunday December 24	CLOSED
Christmas Day	CLOSED
Boxing Day	CLOSED
Wednesday December 27	8:30 am—5:00 pm
Friday December 29	8:30 am—5:00 pm
Saturday December 30	9:00 am—5:00 pm
Sunday December 31	CLOSED
New Year's Day	CLOSED
Tuesday January 2	8:30 am—5:00 pm
Friday January 5	8:30 am—5:00 pm
Saturday January 6	9:00 am—5:00 pm
Sunday January 7	12:00 noon—12:00 midnight

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CHEMISTRY

Dr. R.N. O'Brien has been appointed to the Defence Research Board's Advisory Committee on Electrical Power Sources for Military Applications. Dr. O'Brien's appointment will be effective until March 31, 1973.

VISUAL ARTS

Pat Martin Bates was one of three Canadians invited to exhibit at the Third Argentina International Biennial of Engraving. The exhibition opened in Buenos Aires November 28 in the Museo de Artes Plasticas, and continues through January. She is the only Canadian whose work is represented at the 2nd International Exhibition of Graphic Art in Germany.

PHYSICS

Dr. H.S. Sandhu will be attending the winter meeting of the American Physical Society to be held at the University of Southern California, Los Angeles, December 27-29. He will present a paper entitled "Nuclear Spin-Lattice Relaxation in Liquid Methylene Bromide".

An article entitled "Some Evidence of the Impact of Non-Wage Labor Cost on Overtime Work and Employment", by **Leonard Laudadio** and **Michael Percy** will be published by *Industrial Relations*, a bilingual journal specializing in labor economics.

Dr. Edgar S. Efrat was interviewed for 30 minutes on Channel 10 Cablevision on Friday, December 1, on the topic "The Non-Political Involvement of the United Nations in Africa".

Dr. Irvin K. Burbank was invited by the B.C. Association of Mathematics Teachers to address members of the B.C. AMT and the Provincial Revision Committee members at a conference held November 18 at the Blue Boy Hotel in Vancouver.

Dr. Fred Martens and Dr. John Eckerson (physical education) have returned from attending the National Conference on Fitness and Health, December 4-6. They attended this conference, the first of its kind attempted by the Federal Government, at the invitation of the Federal Department of Health and Welfare.

In the course of sabbatical travel, **Alan Gowans** has been lecturing on parallels in universal history. During November, Dr. Gowans lectured at the Ashmolean Museum of Oxford University and at Cambridge. These were followed by a series of three lectures at the Institut fuer Kunstgeschichte at Karlsruhe University. Three scheduled lectures at Heidelberg were called off because the Communist-radical Spartakusbund had closed down the university.

AROUND THE RING
UNIVERSITY OF VICTORIA NEWSLETTER
VICTORIA, BRITISH COLUMBIA

Next deadline 12 January 1973 at 12 noon
Next publication date 19 January 1973
Published by the University Relations Office
University of Victoria

8 pm Hockey/Esquimalt Sports Centre.
Norsemen vs Police Combos.

8 pm Play/Maltwood Museum. "The Second Shepherd's Play" and "The Adoration of the Magi" with Medieval Music.

1 pm	Women's Field Hockey/Beacon Hill Park, Mariners vs Vikettes.
1 pm	Women's Field Hockey/Colville-Lampson Park, Rebels Red vs Vagabonds
8 pm	Play/Maltwood Museum. "The Second Shepherd's Play" and "The Adoration of the Magi" with Medieval Music.

8pm Play/Maltwood Museum. "The Second Shepherd's Play" and "The Adoration of the Magi" with Medieval Music.

8:30 pm Men's Basketball/Gym. Vikings vs Warner Pacific (Portland).

8:30 pm Men's Basketball/Gym. Vikings vs Warner Pacific. (Portland)

6pm Men's Basketball/Gym. Vikings vs Western Washington.

9:15pm Hockey/Esquimalt Sports Centre.
Esquimalt Butlers vs Norsemen.

*a Merry Christmas
and A
Happy New Year
from
Around
the Ring*